

**DETAILED ACTION**

1. This action is in response to the amendment filed on 03/08/2010.
2. Claims 1-27, 41, 45 and 50-55 have been canceled.
3. Claims 28-40, 42-44 and 46-49 are pending for consideration.

***Information Disclosure Statement***

4. The information disclosure statement (IDS) submitted on 03/08/2010 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

***Response to Arguments***

5. The new Drawings, filed on 03/08/2010, are accepted. Therefore, the previous objection to the Drawings has been withdrawn.
6. Claim 27 has been canceled. Therefore, the rejection of claim 27 under 35 U.S.C. 112, second paragraph, has been withdrawn.
7. Claim 48-49 have been amended and claims 50-55 have been canceled. Therefore, the rejection of claims 48-55 under 35 U.S.C. 101 has been withdrawn.
8. Applicant's arguments, filed on 03/08/2010, with respect to claims 28-40, 42-44 and 46-49 have been fully considered and are persuasive. The rejection of claims 28-40, 42-44 and 46-49 has been withdrawn.

**EXAMINER'S AMENDMENT**

9. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Hyung Sohn on 06/17/2010.

Claims 48-49 have been amended as follows:

Claim 48: A non-transitory computer-readable medium having stored therein a computer program which, when loaded on a HIP proxy node, causes the HIP proxy node to carry out the method as claimed in claim 46.

Claim 49: A non-transitory computer-readable medium having stored therein a computer program which, when loaded into a proxy node, causes the proxy node to become a HIP proxy node as claimed in claim 47.

#### **REASONS FOR ALLOWANCE**

10. Claims 28-40, 42-44 and 46-49 are allowed.
11. The following is an examiner's statement of reasons for allowance: As noted above, the Examiner agrees with the Applicant's arguments on pages 20-26 of the Remarks, specifically that the prior art does not teach "the HIP proxy node receiving a query from the first host to resolve an Internet Protocol, IP, address of the second host;

in response to said query, the HIP proxy node retrieving an IP address and Host Identity Tag, HIT, associated with the second host; in response to said retrieval, the HIP proxy node returning a substitute IP address associated with the second host, and maintaining a mapping between the substitute IP address, the retrieved IP address and the retrieved HIT; and upon receipt of a session initiation message from the first host including as its destination address the substitute IP address, the HIP proxy node using the mapping to negotiate a HIP connection between the HIP proxy node and the second host". The Examiner was unable to find a teaching, suggestion, or motivation that would render the above limitations obvious. Claims 28-40, 42-44 and 46-49 are, therefore, novel and not obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TRANG DOAN whose telephone number is (571)272-0740. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William R. Korzuch can be reached on (571) 272-7589. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Trang Doan/  
Examiner, Art Unit 2431

/William R. Korzuch/  
Supervisory Patent Examiner, Art Unit 2431